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**IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE**

Declaration and Power of Attorney

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I hereby claim the benefit under Title 35, United States Code, 119(e) of any United States provisional application(s) identified below:

Provisional application No. 60/168036, filed on November 30, 1999.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **MOS Transistor And Method OF Manufacture** the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to in this oath or declaration.

I acknowledge the duty to disclose all information known to me which is material to patentability as defined in Title 37, Code of Federal Regulations, 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

None

I hereby claim the benefit under Title 35, United States Code, 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

None

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following attorney(s) with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith:

Thomas J. Bean	(Reg. No. 44528)
Lester H. Birnbaum	(Reg. No. 25830)
Richard J. Botos	(Reg. No. 32016)
Jeffery J. Brosemer	(Reg. No. 36096)
Kenneth M. Brown	(Reg. No. 37590)
Donald P. Dinella	(Reg. No. 39961)
Martin I. Finston	(Reg. No. 31613)
William S. Francos	(Reg. No. 38456)
Barry H. Freedman	(Reg. No. 26166)
Julio A. Garceran	(Reg. No. 37138)
Jimmy Goo	(Reg. No. 36528)
Anthony Grillo	(Reg. No. 36535)
Stephen M. Gurey	(Reg. No. 27336)
John M. Harman	(Reg. No. 38173)
Matthew J. Hodulik	(Reg. No. 36164)
Michael B. Johannesen	(Reg. No. 35557)
Mark A. Kurisko	(Reg. No. 38944)
Irena Lager	(Reg. No. 39260)
John B. MacIntyre	(Reg. No. 41170)
Christopher N. Malvone	(Reg. No. 34866)
John F. McCabe	(Reg. No. 42854)
Scott W. McLellan	(Reg. No. 30776)
Martin G. Meder	(Reg. No. 34674)
John C. Moran	(Reg. No. 30782)
Michael A. Morra	(Reg. No. 28975)
Gregory J. Murgia	(Reg. No. 41209)
Claude R. Narcisse	(Reg. No. 38979)
Joseph J. Opalach	(Reg. No. 36229)
Neil R. Ormos	(Reg. No. 35309)
Eugen E. Pacher	(Reg. No. 29964)
Jack R. Penrod	(Reg. No. 31864)
Gregory C. Ranieri	(Reg. No. 29695)
Scott J. Rittman	(Reg. No. 39010)
Ferdinand M. Romano	(Reg. No. 32752)
Eugene J. Rosenthal	(Reg. No. 36658)
Bruce S. Schneider	(Reg. No. 27949)
Ronald D. Slusky	(Reg. No. 26585)
David L. Smith	(Reg. No. 30592)
Ozer M. N. Teitelbaum	(Reg. No. 36698)
John P. Veschi	(Reg. No. 39058)
David Volejnicek	(Reg. No. 29355)
Charles L. Warren	(Reg. No. 27407)
Jeffrey M. Weinick	(Reg. No. 36304)
Eli Weiss	(Reg. No. 17765)

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Please address all correspondence to the Docket Administrator (Rm. 3C-512), Lucent Technologies Inc., 600 Mountain Avenue, P. O. Box 636, Murray Hill, New Jersey 07974-0636. Telephone calls should be made to William S Francos by dialing 610-712-3767.

Full name of 1st joint inventor: Samir Chaudhry

Inventor's signature S. Chaudhry Date 6/21/00

Residence: Orlando, Orange County, Florida

Citizenship: India

Post Office Address: 10039 Oakside Court
Orlando, Florida, 32836

Full name of 2nd inventor: Sidhartha Sen

Inventor's signature S. Sen Date 06/21/00

Residence: Orlando, Orange County, Florida

Citizenship: India

Post Office Address: 6373 Conroy Road - Apt. 1905
Orlando, Florida, 32835

Full name of 3rd inventor: Sundar Srinivasan Chetlur

Inventor's signature Sundar Date 6/21/00

Residence: Orlando, Orange County, Florida

Citizenship: India

Post Office Address: 10063 Cove Lake Drive
Orlando, Florida, 32836

Full name of 4th inventor: Richard William Gregor

Inventor's signature Rich William Gregor Date 6/21/2000

Residence: Winter Park, Orange County, Florida

Citizenship: United States of America

Post Office Address: 380 Waterfall Lane
Winter Park, Florida, 32789

Full name of 5th inventor: Pradip Kumar Roy

Inventor's signature Pradip K Roy Date 06/21/00

Residence: Orlando, Orange County, Florida

Citizenship: United States of America

Post Office Address: 7706 Hidden Ivey Court
Orlando, Florida, 32819



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

DECEMBER 08, 2000

PTAS



101490174A

ag WILLIAM S. FRANCOS
3C-512
600 MOUNTAIN AVENUE
P.O. BOX 636
MURRAY HILL, NJ 07974-0636

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 09/11/2000

REEL/FRAME: 011156/0126
NUMBER OF PAGES: 7

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
CHAUDHRY, SAMIR

DOC DATE: 06/21/2000

ASSIGNOR:
SEN, SIDHARTHA

DOC DATE: 06/21/2000

ASSIGNOR:
CHETLUR, SUNDAR SRINIVASAN

DOC DATE: 06/21/2000

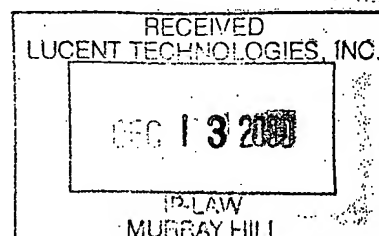
ASSIGNOR:
GREGOR, RICHARD WILLIAM

DOC DATE: 06/21/2000

ASSIGNOR:
ROY, PRADIP KUMAR

DOC DATE: 06/21/2000

ASSIGNEE:
LUCENT TECHNOLOGIES, INC.
600 MOUNTAIN AVENUE
P.O. BOX 636
MURRAY HILL, NEW JERSEY 07974-0636



011156/0126 PAGE 2

SERIAL NUMBER: 09597012
PATENT NUMBER:

FILING DATE: 06/20/2000
ISSUE DATE:

ANTIONE ROYALL, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

10-18-2000

9-11-00

PATENT ONLY



R SHEET

DEPARTMENT OF COMMERCE
Patent and Trademark Office

101490174

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof

1. Name of conveying party(ies):

Samir Chaudhry
Sidhartha Sen
Sundar Srinivasan Chetlur
Richard William Gregor
Pradip Kumar Roy

Additional name(s) of conveying party(ies) attached?

☐ YES ☒ NO

3. Nature of Conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: 6/21/2000

2. Name and address of receiving party(ies):

Name: Lucent Technologies Inc.

Internal Address: _____

Street Address: 600 Mountain Avenue

P. O. Box 636

City: State: ZIP: Murray Hill, NJ 07974-0636

Additional name(s) & address(es) attached? ☐ YES ☒ NO

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application Number(s) 09/597012

B. Patent Number(s) _____

Additional number(s) attached? ☐ YES ☒ NO

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Docket Administrator

Internal Address: 3C-512

Street Address: 600 Mountain Avenue
P. O. Box 636

City: State: ZIP: Murray Hill, NJ 07974-0636

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00



Enclosed



Authorized to be charged to deposit account

8. Deposit account number: 12-2325

(Attach duplicate copy of this page if paying by deposit account.)

10/17/2000 DBYRNE 00000224 122325 09597012

01 FC:58 40.00 CH

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

William S. Francos

Signature

Date

Registration. No. 338456

Total number of pages including cover sheet, attachments, and document: 6

CASE: S. Chaudhry 8-103-26-141-6

Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

ASSIGNMENT AND AGREEMENT

For value received, we, Samir Chaudhry, of Orlando in the County of Orange and the State of Florida, and Sidhartha Sen, of Orlando in the County of Orange and the State of Florida, and Sundar Srinivasan Chettur, of Orlando in the County of Orange and the State of Florida, and Richard William Gregor, of Winter Park in the County of Orange and the State of Florida, and Pradip Kumar Roy, of Orlando in the County of Orange and the State of Florida, hereby sell, assign and transfer to Lucent Technologies Inc., a corporation of the State of Delaware, having an office at 600 Mountain Avenue, Murray Hill, New Jersey, 07974-0636, U.S.A. and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to **MOS Transistor And Method Of Manufacture** described in an application for Letters Patent of the United States, Serial No. 60/168036, filed November 30, 1999, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to Lucent Technologies Inc. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize Lucent Technologies Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Lucent Technologies Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to Lucent Technologies Inc. in the United States and in all countries foreign to the United States, or to such nominees as Lucent Technologies Inc. may designate.

We agree that, when requested, we shall, without charge to Lucent Technologies Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

S. Chaudhry
Samir Chaudhry

Date: 6/21/00

United States of America)

State of FLORIDA) ss.:

County of ORANGE)

On this 21st day of June, 20 00, before me personally came, Samir Chaudhry to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Ellie Roberts
Notary Public



S. Sen
Sidhartha Sen

Date: 06/21/00

United States of America)

State of FLORIDA) ss.:

County of ORANGE)

On this 21st day of June, 2000, before me personally came, Sidhartha Sen to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Ellie Roberts
Notary Public



Sundar
Sundar Srinivasan Chetlur

Date: 6/21/00

United States of America)

State of FLORIDA) ss.:

County of ORANGE)

On this 21st day of June, 20 00, before me personally came, Sundar Srinivasan Chetlur to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Ellie Roberts
Notary Public

Richard William Gregor
Richard William Gregor

Date: 6/21/2000

United States of America)

State of FLORIDA) ss.:

County of ORANGE)

On this 21st day of June, 2000, before me personally came, Richard William Gregor to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Ellie Roberts
Notary Public

Pradip Kumar Roy
Pradip Kumar Roy

Date: 6/21/00

United States of America)

State of FLORIDA) ss.:

County of ORANGE)

On this 21st day of JUNE, 2000, before me personally came, Pradip Kumar Roy to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Ellie Roberts
Notary Public

Lucent Technologies Inc.
600 Mountain Avenue (Room 3C-512)
P. O. Box 636
Murray Hill, New Jersey 07974-0636

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Agere Systems Inc.Application No./Patent No.: 09/597,012 Filed/Issue Date: June 20, 2000Entitled: SEMICONDUCTOR DEVICE FREE OF LLD REGIONSAgere Systems Inc. _____, a corporation
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by percentage) of its ownership interest is _____ %
in the patent application/patent identified above by virtue of either:

A. [] An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: Inventor(s) To: Lucent Technologies Inc.
The document was recorded in the United States Patent and Trademark Office at Reel 011156, Frame 0126, or for which a copy thereof is attached.
2. From: Lucent Technologies Inc. To: Agere Systems Guardian Corp.
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: Agere Systems Guardian Corp. To: Agere Systems Inc.
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

[] Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.
[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

January 14, 2004

Date

(972) 480-8800

Telephone number

Greg H. Parker

Typed or printed name


Signature

Attorney for Applicant

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

CERTIFICATE OF OWNERSHIP AND MERGER

OF

Agere Systems Guardian Corp.
(a Delaware corporation)

INTO

Agere Systems Inc.
(a Delaware corporation)

**UNDER SECTION 253 OF THE GENERAL
CORPORATION LAW OF THE STATE OF DELAWARE**

Agere Systems Inc., a corporation organized and existing under the laws of Delaware ("Corporation"), **DOES HEREBY CERTIFY:**

FIRST: The Corporation is the owner of all of the outstanding shares of common stock of Agere Systems Guardian Corp., which is also a business corporation of the State of Delaware.

SECOND: On August 22, 2002 the Subsidiary Governance Committee of the Board of Directors of the Corporation adopted the following resolution to merge Agere Systems Guardian Corp. into the Corporation:

RESOLVED that Agere Systems Guardian Corp., a Delaware corporation, shall be merged with and into Agere Systems Inc., a Delaware corporation, with Agere Systems Inc. being the surviving corporation, and Agere Systems Inc. shall thereupon assume all of the obligations of Agere Systems Guardian Corp."

THIRD: That the merger authorized hereby shall become effective as of 9:00 a.m. Eastern Standard Time on August 31, 2002.

Executed on August 22, 2002

AGERE SYSTEMS INC.

By Paul Bento
Paul Bento, Vice President

The First State

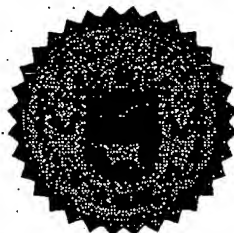
I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF OWNERSHIP, WHICH MERGES:

"AGERE SYSTEMS GUARDIAN CORP.", A DELAWARE CORPORATION,

WITH AND INTO "AGERE SYSTEMS INC." UNDER THE NAME OF "AGERE SYSTEMS INC.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE TWENTY-NINTH DAY OF AUGUST, A.D. 2002, AT 9 O'CLOCK A.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF OWNERSHIP IS THE THIRTY-FIRST DAY OF AUGUST, A.D. 2002.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.



Harriet Smith Windsor

Harriet Smith Windsor, Secretary of State

3268412 8100M

AUTHENTICATION: 1959517

020545223

DATE: 08-29-02

EXECUTION COPY

PATENT ASSIGNMENT

by and between

LUCENT TECHNOLOGIES INC.

and

AGERE SYSTEMS GUARDIAN CORP.

Dated as of January 30, 2001

PATENT ASSIGNMENT

THIS PATENT ASSIGNMENT (this "Assignment"), effective as of January 30, 2001 (the "Effective Date"), is by and between Lucent Technologies Inc., a Delaware corporation, with offices at 600 Mountain Avenue, Murray Hill, New Jersey 07974, United States of America, ("ASSIGNOR") and Agere Systems Guardian Corp., a Delaware corporation, with offices at 555 Union Boulevard, Allentown, PA 18109, United States of America ("Agere Systems Guardian").

RECITALS

A. WHEREAS, the Board of Directors of ASSIGNOR has determined that it is in the best interests of ASSIGNOR and its stockholders to separate ASSIGNOR's existing businesses into two independent businesses;

B. WHEREAS, ASSIGNOR presently owns or controls certain patents, patent applications, and invention submissions listed in the attached Appendices A and B (hereinafter "TRANSFERRED PATENTS") and;

C. WHEREAS, in furtherance of the foregoing separation, ASSIGNOR desires to transfer, assign, convey, deliver and vest all of its interests and rights in TRANSFERRED PATENTS for all countries, jurisdictions and political entities of the world, to and in Agere Systems Guardian;

NOW, THEREFORE, in consideration of the premises and for other good and valid consideration, the receipt and sufficiency of which are hereby acknowledged, the parties, intending to be legally bound, agree as follows:

ASSIGNOR, subject to existing rights and licenses of third parties, does hereby assign, convey, transfer and deliver, and agrees to assign, convey, transfer and deliver to Agere Systems Guardian, its successors, assigns and legal representatives or nominees, ASSIGNOR's entire right, title and interest, for all countries, jurisdictions and political entities of the world, along with the right to sue for past infringement, to all TRANSFERRED PATENTS listed on Appendices A and B, and corresponding counterpart foreign patents and patent applications, with respect to which, and to the extent to which, ASSIGNOR now has or hereafter acquires the right to so assign, convey, transfer and deliver. Agere Systems Guardian recognizes that ASSIGNOR holds only bare legal title to the TRANSFERRED PATENTS listed in Appendix A (which lists the United States Patents and patent applications previously exclusively licensed to Lucent Technologies Microelectronics Guardian Corp.).


ASSIGNOR and ASSIGNEE recognize that the patents listed in Appendices A and B may inadvertently include patents that are owned by various subsidiaries of ASSIGNOR, including Agere, Inc., Ortel Corporation, Optimay Corporation, Herrmann Technology, Inc., and Enable Semiconductor, Inc. Ownership of such patents shall not be affected by this Patent

Assignment, and ASSIGNEE agrees that any such patents shall be deemed deleted from Appendices A and B.

ASSIGNOR agrees that, upon request it will, at any time without charge to Agere Systems Guardian, but at Agere Systems Guardian's expense, furnish all necessary documentation relating to or supporting chain of title, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for vesting title to TRANSFERRED PATENTS in Agere Systems Guardian, its successors, assigns and legal representatives or nominees; including but not limited to any acts which may be necessary, desirable or convenient for claiming said rights and for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in Agere Systems Guardian and its respective successors, assigns and legal representatives or nominees.

IN WITNESS WHEREOF, the parties have caused this PATENT ASSIGNMENT to be executed by their duly authorized representatives as of the Effective Date:

LUCENT TECHNOLOGIES INC.

By: 
Daniel P. McCurdy
President, Intellectual Property Business

AGERE SYSTEMS GUARDIAN CORP.

By: 
Fred M. Romano
President

ACKNOWLEDGMENTS

STATE OF NEW JERSEY)

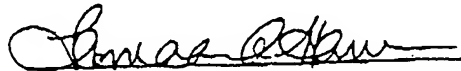
: ss:

COUNTY OF SOMERSET)

I CERTIFY that on January 30, 2001, Daniel P. McCurdy personally came before me and this person acknowledged under oath, to my satisfaction that:

a.) this person signed, sealed and delivered the attached Patent Assignment as President - Intellectual Property Business of Lucent Technologies Inc.; and

b.) this Patent Assignment was signed and made by Lucent Technologies Inc. as its voluntary act and deed by virtue of authority from its Board of Directors.



Name

TAMORA ANNE HANNA

Notary Public

Notary Public of New Jersey

My Commission Expires: Registered in Hunterdon County

[Notarial Seal]

My Commission Expires March 25, 2002

STATE OF FLORIDA)

: ss:

COUNTY OF ORANGE)

I CERTIFY that on January 31, 2001, Fred M. Romano personally came before me and this person acknowledged under oath, to my satisfaction that:

a.) this person signed, sealed and delivered the attached Patent Assignment as Vice President of Agere Systems Guardian Corp.; and

b.) this Patent Assignment was signed and made by Agere Systems Guardian Corp. as its voluntary act and deed by virtue of authority from its Board of Directors.

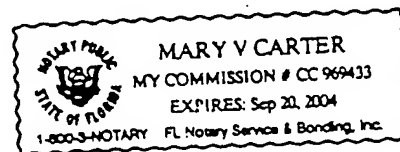


Name

Notary Public

My Commission Expires:

[Notarial Seal]



APPENDIX B (continued)
Transferred Patents

Cas Nam	Filing Dat	Issu Date	Patent No.	Serial No.
Chakrabarti 31-24-6-7-10	2/29/2000			09/515102
Chakraborty 6-2	11/23/1998			09/197977
Chan 1-5-6-1	8/11/2000		09/637069	
Chandross 53-11-3-3-6-14-7-23	10/1/1990		07/593362	
Chandross 62-8-3-5-1	2/19/1998	4/4/2000	6045977	
Chandross 82-12-8	2/23/1998		09/027596	
Chandross 88-19	7/11/1999			09/352674
Chandross 89-22-33-12	12/7/1999			09/456210
Chandross 91-1-25-23	11/29/1999			09/450525
Chang 5-12	7/31/1997		08/903974	
Chang 6-5-16-40	4/21/1999			09/296001
Chang 7-20-10	10/7/1999			09/414226
Chaplin 1-3-3-4-32	1/15/1999			09/232114
Charles 1-4	11/17/1997		08/968156	
Chaudhry 2-3-5	4/7/1998		09/056555	
Chaudhry 6-7-3-83-9	7/30/1999			09/364603
Chaudhry 7-9-14-118-12	7/30/1999			09/364366
Chaudhry 8-13-26-141-6	6/20/2000			09/597012
Cheah 1-1-54	8/9/2000		09/634401	
Chen 1	5/20/1998		09/082264	
Chen 1	6/19/1998	4/11/2000	6049498	
Chen 10-48	4/18/2000			09/551483
Chen 10-73-6-14-7-19	10/31/1996		08/741010	
Chen 1-1	5/11/2000			09/568687
Chen 1-1-38-1	12/17/1999			09/466285
Chen 1-21	3/18/1997	6/13/2000	6075813	
Chen 1-22-3-5-11	8/7/1998	3/21/2000	6041418	
Chen 13-10-6-1	1/13/1997		08/782355	
Chen 2-1-55-19	6/28/2000			09/605931
Chen 2-16	1/20/1999	7/18/2000	6091657	09/233513
Chen 21-87-11-18-10-15-17-25	7/24/1998		09/122558	
Chen 2-18-74-93	6/20/2000			09/597xxx
Chen 2-24	1/13/1998		09/006570	
Chen 2-9-6	3/26/1999			09/280806
Chen 3	7/13/1999			09/352566
Chen 3-1	11/13/1998			09/190208
Chen 3-1	2/24/1999			09/256573
Chen 3-46-67	1/11/2000			09/481992
Chen 4	11/26/1997		08/980099	
Chen 4	11/13/1998			09/190207
Chen 4	8/4/1999			09/366978
Chen 4-17-157	6/20/2000			09/597076
Chen 4-3-1-2-6-34-14	1/12/1999			60/115714
Chen 5-1-3-18	3/30/2000			09/538688
Chen 5-177-2-20	3/3/1999			09/261346
Chen 5-28	4/3/1998		09/054676	
Chen 6-10-4-4	4/21/1999			09/295546
Chen 6-194-5-24	2/9/2000			09/500855
Chen 6-29	4/3/1998		09/054677	
Chen 7-3-10-5-21	4/28/2000			09/561275
Chen 7-33	8/31/1998		09/143911	
Chen 8-16-8-2-6	8/30/1999			09/385718
Chen 9-17-7-3-7	8/25/1999			09/383050
Chesire 4-1-1-1-3	3/9/2000			09/521586
Cheswick 6	1/5/1999			09/225409
Chetlur 10-11-104-119-13	7/30/1999	8/15/2000	6103586	09/364025
Chetlur 12-29-137-7	1/14/2000			09/483785
Chetlur 14-146	1/19/2000			60/176882